

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION FM

DAT

The following application is submitted for action by the Chief, Broadcast Bureau.

ST	FILE NUMBER	CALL	APPLICANT AND LOCATION	NATURE OF APPLICATION
NE	BPED -910319MA N/M	NEW 88.5MHZ	COMMUNITY FAMILY BROADCASTING, INC. LINCOLN NE	CP FOR NEW FM EDUC. ON: 88.5 MHZ, ERP. O(H) 4.7 KW (V) HAAT 96 METERS (V) 40 55 49 96 32 42

LICENSE EXPIRATION DATE _____

CHIEF, LICENSE DIVISION

RECOMMENDATION: GRANT() CONSTRUCTION DATES, START _____ END _____
 CONTESTED () UNCONTESTED ()

APPROVED _____

FOR CHIEF, BROADCAST BUREAU

F.C.C.-WASHINGTON, D.C.

ORIGINAL

RECEIVED

MAR 19 1991

LAW OFFICES
REDDY, BEGLEY & MARTIN
2033 M STREET N. W.
WASHINGTON, D.C. 20036
(202) 659-5700

DENNIS F. BEGLEY
HARRY C. MARTIN
MATTHEW H. MCCORMICK
CHERYL A. KENNY
TROY F. TANNER
ANDREW S. KERSTING

March 19, 1991

Federal Communications Commission
Office of the Secretary
EDWARD B. REDDY
(1915-1990)
COUNSEL
ROBERT W. HEALY
TELECOPIER NUMBER
(202) 659-5711

MAR 20 3 06 PM '91
AUDIO SERVICES
DIVISION

Ms. Donna R. Searcy, Secretary
Federal Communications Commission
Washington, D.C. 20554

Re: Community Family Broadcasting, Inc.
Lincoln, Nebraska
Noncommercial Educational Station
Construction Permit Application

Dear Ms. Searcy:

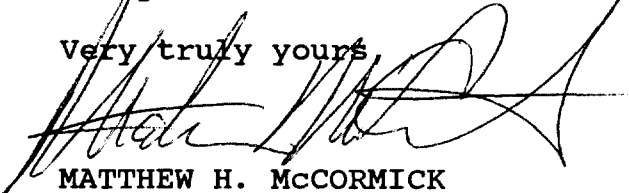
Transmitted herewith in triplicate on behalf of Community Family Broadcasting, Inc., is an application (FCC Form 340) for a construction permit for a new noncommercial educational station to operate on Channel 203A at Lincoln, Nebraska.

In light of the fact that a noncommercial educational facility is being sought, no filing fee is required. 47 C.F.R. §1.1112(c).

This application is mutually exclusive with that of Joy Broadcasting Corp. (File No. BPED-900621MA) and is being filed on the cut-off date established by the Commission in its public notice released February 12, 1991 (Report No. A-212).

Should any questions arise in connection with this matter, please communicate directly with this office.

Very truly yours,


MATTHEW H. MCCORMICK
Counsel for
COMMUNITY FAMILY BROADCASTING, INC.

cc: Public Inspection File

RECEIVED

MAR 20 1991

FM EXAMINER

APPLICATION FOR CONSTRUCTION PERMIT FOR
NONCOMMERCIAL EDUCATIONAL BROADCAST STATION
(Carefully read instructions before filing form) Return only form to FCC

Section I - GENERAL INFORMATION

1. Name of Applicant Community Family Broadcasting, Inc. Federal Communications Commission Office of the Secretary		
Street Address or P.O. Box 8801 E. 63rd Street		
City Kansas City	State MO	ZIP Code 64133
Telephone No. (Include Area Code) (816) 353-7844		

Send notices and communications to the following person at the address below:		
Name Mr. Harry Martin Reddy, Begley & Martin		
Street Address or P.O. Box 2033 M Street, N.W.		
City Washington	State D.C.	ZIP Code 20036
Telephone No. (Include Area Code) (202) 659-5700		

2. This application is for: ☐ AM

☒ FM

☐ TV

(a) Channel No. or Frequency 203A
--

(b) Principal Community	City	State
	Lincoln	NE

(c) Check one of the following boxes:

☒ Application for **NEW** station

☐ **MAJOR** change in licensed facilities; call sign: _____

☐ **MINOR** change in licensed facilities; call sign: _____

☐ **MAJOR** modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ **MINOR** modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ **AMENDMENT** to pending application; application file number: _____

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application?

☐ Yes ☒ No

If Yes, sta	Call letters	Community of license	
	83.54HZ	State	
	BPED -910319NA NEW		
	LINCOLN NE		
COMMUNITY FAMILY BROADCASTING, INC.			

Section II - LEGAL QUALIFICATIONS

Name of Applicant

Community Family Broadcasting, Inc.

1. Applicant is: (Check one box below)

☐ (a) governmental or public educational agency, board or institution☒ (b) private nonprofit educational institution☐ (c) Other (specify)

2. For applicants 1(c) only, describe in an Exhibit the nature and educational purposes of the applicant.

Exhibit No.

Does Not Apply

3. For applicants 1(c) applying for a new noncommercial educational television station only, describe in an Exhibit how the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural and civic segments of the principal community to be served.

Exhibit No.

Does Not Apply

4. Describe in an Exhibit how the proposed station will be used, in accordance with 47 C.F.R. Section 73.503 or Section 73.621, for the advancement of an educational program.

Exhibit No.

A

5. Is there any provision contained in any by-laws, articles of incorporation, partnership agreement, charter, statute or other document which would restrict the applicant in advancing an educational program or complying with any Commission rule, policy or provision of the Communications Act of 1934, as amended?

☐ Yes ☒ No

If Yes, provide particulars in an Exhibit.

Exhibit No.

Does Not Apply

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

6. (a) Is the applicant in violation of the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments? (See Instruction B to Section II.)

☐ Yes ☒ No

(b) Will any funds, credits or other financial assistance for the construction, purchase or operation of the station(s) be provided by aliens, foreign entities, domestic entities controlled by aliens, or their agents?

☐ Yes ☒ No

If the answer to (b) above is Yes, attach an Exhibit giving full disclosure concerning this assistance.

Exhibit No.

Does Not Apply

7. (a) Has an adverse finding been made or an adverse final action taken by any court or administrative body as to the applicant or any party to this application in a civil or criminal proceeding brought under the provisions of any law related to the following:

Any felony; broadcast related antitrust or unfair competition; criminal fraud or fraud before another governmental unit; or discrimination?

☐ Yes ☒ No

(b) Is there now pending in any court or administrative body any proceeding involving any of the matters referred to in (a) above?

☐ Yes ☒ No

If the answer to (a) and/or (b) above is Yes, attach an Exhibit giving full disclosure concerning persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), a statement of the facts upon which the proceeding is or was based or the nature of the offense alleged or committed, and a description of the current status or disposition of the matter.

Exhibit No.

Does Not Apply

PARTIES TO APPLICATION

8. Complete the following Table with respect to all parties to this application:

(NOTE: If the applicant considers that to furnish complete information would pose an unreasonable burden, it may request that the Commission waive the strict terms of this requirement with appropriate justification.)

INSTRUCTIONS: If applicant is a corporation or an unincorporated association with 50 or fewer stockholders, stock subscribers, holders of membership certificate or other ownership interest, fill out all columns, giving the information requested as to all officers, directors and members of governing board. In addition, give the information as to all persons or entities who are the beneficial or record owners of or have the right to vote capital stock, membership or ownership interests or are subscribers to such interests. If the applicant has more than 50 stockholders, stock subscribers or holders of membership certificates or other ownership interests, furnish the information as to officers, directors, members of governing board, and all persons or entities who are the beneficial or record owners of or have the right to vote 1% or more of the capital stock, membership or ownership interests. If applicant is a governmental or public educational agency, board or institution, fill out columns (a), (b), and (c) as to all members of the governing board and chief executive officers.

Name and Residence Address(es) (a)	Office Held (b)	Director or Member of Governing Board		% of: Ownership (O) or Voting Stock (VS) or Membership (M) (d)
		YES	NO	
		(c)		
Richard P. Bott 3405 Shady Bend Drive Independence, MO 64052	President	X		M
Sherley E. Bott 3405 Shady Bend Drive Independence, MO 64052	Treasurer/ Secretary	X		M
Richard P. Bott, II 8603 Buckingham Ln. Kansas City, MO 64138	Vice President	X		M

Section II - LEGAL QUALIFICATIONS (Page 3)

9. Does the applicant or any party to this application have, or have they had, any interest in:

(a) a broadcast station, or pending broadcast station application before the Commission?

☒ Yes ☐ No

(b) a broadcast application which has been dismissed with prejudice by the Commission?

☒ Yes ☐ No

(c) a broadcast application which has been denied by the Commission?

☒ Yes ☐ No

(d) a broadcast station, the license of which has been revoked?

☐ Yes ☒ No

(e) a broadcast application in any pending or concluded Commission proceeding which left unresolved character issues against the applicant?

☐ Yes ☒ No

If the answer to any of the questions in (a)-(e) above is Yes, state in an Exhibit the following information:

Exhibit No.
B

- (1) Name of party having interest;
- (2) Nature of interest or connection, giving dates;
- (3) Call letters of stations or file number of application or docket; and
- (4) Location.

SECTION III - FINANCIAL QUALIFICATIONS

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? ☐ Yes ☒ No

2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? ☐ Yes ☒ No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds. ☒ Yes ☐ No

SECTION IV - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area.

Exhibit No. C

NOTE: No program service statement need be filed where the proposed station's programming would be **wholly** "instructional" as that type of programming is defined in the Instructions to this Section.

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII - CERTIFICATION

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580?

☒ Yes ☐ No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

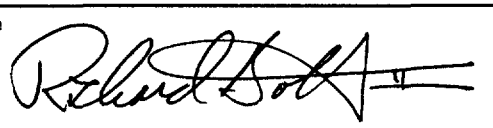
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.**

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Community Family Broadcasting, Inc.	Title Vice President
Signature 	Date March 18, 1991

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

Exhibit A

Community Family Broadcasting, Inc. is a non-stock, non-profit corporation organized to operate not-for-profit educational broadcasting stations.

The station in Lincoln will be run on a not-for-profit basis. Donations and contributions will be solicited from the public. No commercial matter will be broadcast.

This station will be used for the advancement of a unique educational program as a vehicle for communicating educational, instructional and informational programs regarding issues of importance to the local community.

We plan to devote substantial time to issue-oriented, public affairs programs. These will be presented in an interview and/or discussion format featuring local and national public leaders with various points of view. No reasonable viewpoint will be purposefully excluded.

An educational program will be advanced through instructional, debate, lecture, religious and news programs.

OTHER BROADCAST INTERESTSRichard P. Bott

Richard P. Bott is president, a director and joint owner (with his wife, Sherley E. Bott) of 100% of the stock of Bott Broadcasting Company ("BBC"). Mr. Bott also is president and a director of Bott Communications, Inc. ("BCI") and Bott Broadcasting/Tennessee, Inc. ("BBT"). BCI, in turn, owned 80% of the stock of SEB Broadcasting, Inc. ("SEB"). Mr. Bott also is president and one of three directors of Community Family Broadcasting, Inc. ("CFB"), a non-stock, non-profit corporation. These entities have, or have had the following interests:

<u>Entity</u>	<u>Interest</u>	<u>Location</u>	<u>File No.</u>	<u>Status</u>
BBC	KCCV(AM)	Overland Park, KS	BMP-860529AU	Permittee ¹
BBC	KQCV(AM)	Oklahoma City, OK	N/A	Licensed ²
BBC	WFCV(AM)	Fort Wayne, IN	N/A	Licensed
BBC	FM App.	Fort Wayne, IN	BPH-880421MB	Dismissed ³
BCI	KSIV(AM)	Clayton, MO	N/A	Licensed
BCI	KKCI	Goodland, KS	BPH-860113MG	Permittee ⁴

¹ KCCV (formerly KBCB) commenced operations in December 1989. The previous KCCV (on 1510 kHz at Independence, MO) was sold, also in December 1989, pursuant to the divestiture condition placed on the Overland Park CP. A license application is pending (File No. BL-891204AA).

² Application pending to increase the daytime power to 2.5 kw and to add nighttime service with a power of 500 watts (File No. BMP-900405CS).

³ Applicant chose not to pay hearing fee; no character issue outstanding.

⁴ The construction permit was sold, pursuant to BAPH-900214GH, on June 22, 1990.

BCI	FM App.	Ukiah, CA	BPH-850314MA	Dismissed ⁵
BCI	KCIV	Mt. Bullion, CA	N/A	Licensed
BCI	FM App.	Clinton, MO	BPH-850702ME	Dismissed ⁶
BCI	FM App.	Elk City, OK	None Assigned	Returned
BCI	FM CP	Hastings, NE	BPH-850530MA	Permittee
BCI	FM App.	Shawnee, OK	BPH-851028MG	Pending
BBT	WCRV(AM)	Collierville, TN	N/A	Licensed
SEB	FM App.	Woodlake, CA	BPH-850313MB	Dismissed ⁷
CFB	FM App.	Oklahoma City, OK	BPED-870218MB	Returned

Mr. Bott, as an individual, is an applicant for a new FM station at Bartlett, Tennessee (BPH-871224ME).

Sherley E. Bott

Joint owner of 100% of BBC.

Director, secretary/treasurer of CFB, BBC, BCI and BBT.

20% owner, president and director of SEB.

Richard P. Bott, II

Vice president and director of CFB, BBC, BCI and BBT.

20% stockholder of BCI.

Permittee of a new FM station at Blackfoot, ID (BPH-850711MM).

Previously applicant for a new FM station at Olathe, Kansas (BPH-880421NG).⁸

⁵ Dismissed pursuant to a settlement agreement; no character issue outstanding.

⁶ Applicant chose not to pay hearing fee; no character issue outstanding.

⁷ Applicant chose not to pay hearing fee; no character issue outstanding.

⁸ Dismissed at applicant's request, without a character issue outstanding, on June 26, 1990.

President, sole stockholder and director of Bott Broadcasting West, Inc., previous permittee of KCIB(FM), Central Valley, California; station sold, pursuant to FCC consent, to Quality Broadcasters of California in November 1989.

Richard P. Bott is the spouse of Sherley E. Bott and the father of Richard P. Bott, II.

The applicant's purpose and objective in establishing the proposed station is to offer the community a not for profit, non-commercial, educational station with distinctive programming oriented towards the specific needs of the Lincoln area as determined through regular contact of the leaders of the community.

The proposed program policies will be to devote substantial time to issue oriented, public affairs, news, religious and other programs featuring local and national public leaders with various points of view. No reasonable viewpoint will be purposefully excluded.

APPLICATION FOR CONSTRUCTION PERMIT

COMMUNITY FAMILY
BROADCASTING, INC.

LINCOLN, NEBRASKA

CHANNEL 203A

MARCH, 1991

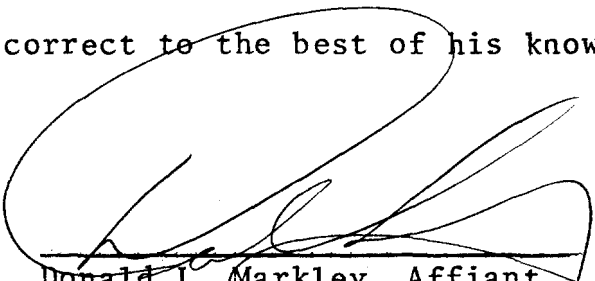


D.L. Markley &
Associates, Inc.

State of Illinois)
County of Peoria) ss)

Donald L. Markley, being first duly sworn, deposes and says that he is a Consulting Engineer and that he has been retained by Community Family Broadcasting, Inc.

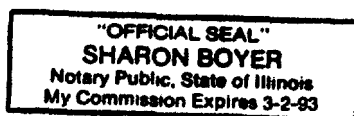
to prepare the following engineering exhibits, that he is a Registered Professional Engineer in Illinois by examination, that he holds the degrees of Bachelor of Science in Electrical Engineering and Master of Science in Electrical Engineering, that his qualifications have been accepted by the Federal Communications Commission, that the following exhibits have been prepared by him or under his direction and that they are true and correct to the best of his knowledge and belief.


Donald L. Markley, Affiant

Subscribed and sworn to before me this 18 Day of March 19 91.


Notary Public

My commission expires:



APPLICATION FOR CONSTRUCTION PERMIT

The following engineering statement and attached exhibits have been prepared for Community Family Broadcasting, Inc. and are in support of their application for a construction permit for a new non-commercial FM broadcast station at Lincoln, Nebraska.

The proposed facility would operate with an effective radiated power of 4.7 KW. with the center of radiation at 96 meters above average terrain. The station would be on channel 203 and would operate as a Class A facility. The application is mutually exclusive with an application filed by Joy Public Broadcasting Corporation (File No. BPED-900621MA). That application has been placed on FM educational cut-off list A-212A which has a cut-off date of March 19, 1991.

The proposed facility will operate with vertical polarization only to avoid causing interference to WOWT(TV) operating on channel 6 at Omaha, Nebraska. A complete analysis of the channel 6 interference problem is contained in the attached exhibits. It is respectfully submitted that the proposed facility does not violate the Commission's requirement in this regard.

The FAA has not been notified of this project. No notification is necessary as the proposed facility will be located on an existing tower. No change is proposed

- 2 -

to either the height or location of that existing structure.

The facility will be equipped with emergency power generating equipment to ensure the station's ability to remain on-the-air during periods of inclement weather or emergency.

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Community Family Broadcasting, Inc.

Call letters (if issued)

Is this application being filed in response to a window?

☐ Yes ☒ No

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

☒ Construct a new (main) facility

☐ Construct a new auxiliary facility

☐ Modify existing construction permit for main facility

☐ Modify existing construction permit for auxiliary facility

☐ Modify licensed main facility

☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height

☐ Effective radiated power

☐ Antenna height above average terrain

☐ Frequency

☐ Antenna location

☐ Class

☐ Main Studio location

☐ Other (Summarize briefly)

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
203	Lincoln	Lancaster	NE

Class (check only one box below)

☒ A ☐ B1 ☐ B ☐ C3
☐ C2 ☐ C1 ☐ C ☐ D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	40° 55' 49"	Longitude	96° 32' 42"
----------	-------------	-----------	-------------

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)?

☒ Yes ☐ No

If Yes, give call letter(s) or file number(s) or both.

Joy Public Broadcasting (BPED-900621MA)

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

DNA

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☐ Yes ☒ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

DNA

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	NONE		
(b)			

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 338 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 128 meters(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 466 meters

- (b) Height of radiation center: (to the nearest meter) H = Horizontal; V = Vertical

(1) above ground - meters (H)119 meters (V)(2) above mean sea level [(aX1) + (bX1)] - meters (H)457 meters (V)(3) above average terrain - meters (H)96 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.

E-1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

0 kw (H*) 4.7 kw (V*)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

DNA

 kw (H*) kw (V*)

*Polarization

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field.

Exhibit No.

DNA

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

DNA

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☒ Yes ☐ No

Exhibit No.

E-2

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)*

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.

E-3

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

E-4

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 2185.1 sq. km.

Population 193,668

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours.

Exhibit No.

DNA

Enter the following from Exhibit above:

Gain Area _____ sq. mi.

Loss Area _____ sq. mi.

Percent change (gain area plus loss area as percentage of present area) _____ %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

17. For an application involving an auxiliary facility only, attach as an Exhibit a map (*Sectional Aeronautical Chart or equivalent*) that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. DNA

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: _____)

18. Terrain and coverage data (*to be calculated in accordance with 47 C.F.R. Section 73.313*).

Source of terrain data: (*check only one box below*)

☒ Linearly interpolated 30-second database

☐ 7.5 minute topographic map

(Source: NGDC)

☐ Other (*briefly summarize*)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	101.6	27.1
45	118.3	28.9
90	99.1	26.8
135	90.7	25.7
180	84.9	24.9
225	110.4	28.2
270	84.6	24.9
315	79.0	24.1

Allocation Studies

(*See Subpart C of 47 C.F.R. Part 73*)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No. DNA

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?

☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.

Exhibit No.
DNA

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:

Exhibit No.
E-5

- (a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
- (b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
- (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
- (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
- (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
- (f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
- (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference)*.

Exhibit No.
E-6

23.(a) Is the proposed operation on Channel 218, 219, or 220?

☐ Yes ☒ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☐ No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.

Exhibit No.
DNA

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
DNA

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

- (e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
DNA

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

☒ Yes ☐ No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No.
E-7

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

☐ Yes ☒ No

If Yes, attach as an Exhibit information required in 1/. (Except for Class D (secondary) proposals.)

Exhibit No.
DNA

26. Environmental Statement (See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

☐ Yes ☒ No

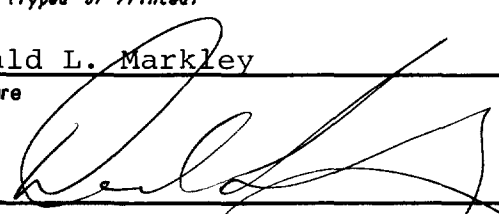
If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

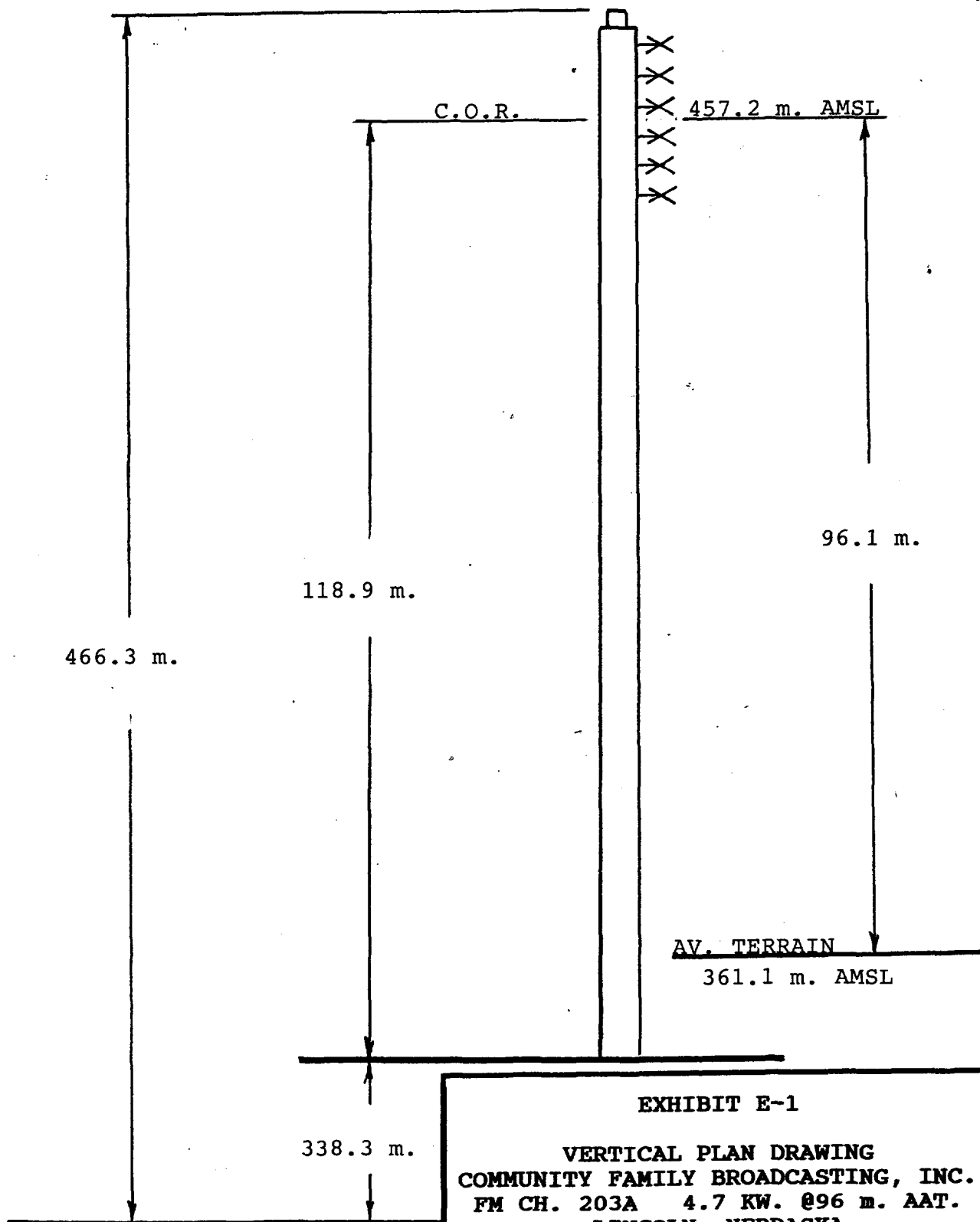
Exhibit No.
DNA

If No, explain briefly why not. The proposed facility complies fully with the requirements of §1.1306 and §1.1307 as modified by General Docket 79-163. See attached non-ionizing radiation study.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
Donald L. Markley	Consulting Engineer
Signature	Address (Include ZIP Code)
	D.L. Markley & Associates, Inc. 2104 West Moss Peoria, Illinois 61604
Date	Telephone No. (Include Area Code)
March 18, 1991	(309) 673-7511



NOT TO SCALE

EXHIBIT E-2

The proposed facility will share a common tower with multiple licensees in the business radio service. It is not anticipated that the proposed facility would cause any interference to those stations. If such interference does occur, it will be eliminated using standard filtering techniques on the input to the business radio equipment.